

## TN Dept of General Services

47-0020-01/070848P

Emergency diesel engine for generator. Not subject to Subpart ZZZZ

Source	ID	br-hp	MMBtu/hr	
01	Cummins	1,200	7.9	From application

since emergency, PTE is set at 500 hr/yr

Emission factors for non-EPA certified engines come from AP-42, Chapter 3, Table 3.4-1

Emissions from one engine

Pollutant	Factor (lb/MMBtu)	Emissions (lb/hr)	Emissions (tpy)
PM	1.00E-01	0.79	0.20
NO <sub>x</sub>	3.2	25.28	6.32
SO <sub>2</sub>	1.52E-03	0.01	0.00
VOC	8.20E-02	0.65	0.16
CO	8.50E-01	6.72	1.68

Allowable PM

1200-03-06-.02(2)

**0.6 lb/MMBtu**

4.74 lb/hr

1.19 tpy